



BRASS PIPE PLUMBING

Repair - Proof

Belma Gilbert

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This book tells the simple facts about Brass pipe plumbing in the plainest possible way, so that the man or woman who pays the plumbing repair bills can quickly grasp the fundamental fact that Brass pipe plumbing is a real money-saver.

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BRASS pipe makes any plumbing system repair-proof at its vulnerable points.

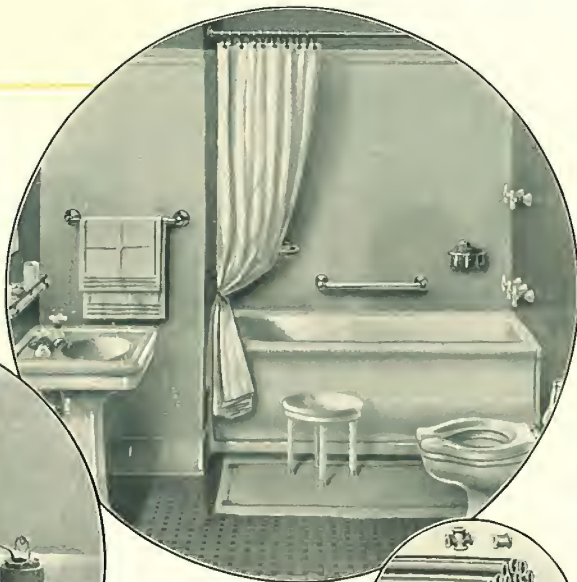
The art of plumbing has made great strides in the past several decades. But the nuisance of rusty, leaky pipes still persists—because nobody has taken the trouble to point out to the public the simple and not expensive remedy—Brass pipe.

Modern plumbing, with highly efficient workmanship, splendid fixtures and refinement of detail, deserves Brass pipe—because Brass pipe is rust-proof, does not leak, clog with rust, or emit rusty water.

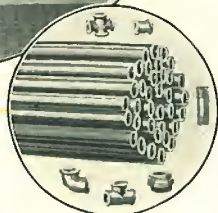
Insist on Brass pipe—because its permanent rust-proof service will save you money and inconvenience.

Pipe and pipe fittings constitute barely 10 per cent. of the cost of the whole installation—yet upon them depends the useful life of the whole plumbing installation.

Fixtures make up 60% of the cost of your plumbing.



Labor is 30%



And pipe and pipe fittings—the vitals of your plumbing—are barely 10%.

Where the leaks in iron pipe first appear—at the joints and threads



Why it takes a half hour to fill the bath tub

EVERYBODY knows that rust quickly attacks and destroys iron and steel. This is particularly true of the inside of iron or steel pipes used for plumbing service.

Like a sponge soaked in water, rust occupies much greater space than the iron or steel it has fed on, so that a one-inch pipe need only have *one-fortieth* of its inside surface turned into rust to completely clog it.

The reduced flow of water from your faucets, or the tell-tale rusty-red discoloration, is positive evidence that rust has commenced its destroying action which quickly pits the pipe and causes leaks.

Brass pipe cannot rust, and is, therefore, bound to deliver a full volume of clear water.

WATER that has percolated through a spongy mass of rust accumulates foreign matter.

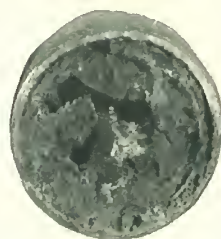
Otherwise handsome looking wash bowls and tubs are marred with unsightly rust stains and in many instances the rust itself is carried out with the water in small particles to stain the laundry.

"Red water" is an all too familiar wash-day nuisance.

Brass pipe prevents stained fixtures and avoids the rusty-water-on-wash-day nuisance.



Iron Pipe Fitting after three years in Penn-Harris Hotel, Harrisburg, Pa.



Wrought Iron Pipe—less than seven years in City Hall, Waterbury, Conn.



A RUSTED pipe is sure to leak. The result is unsightly stains that spoil furnishings, paint and paper, and make necessary the renewal of decorations.

Here alone brass pipe often saves more than its cost, by preventing these destructive leaks.



FOLLOWS the inevitable replacement, as costly as it is mussy. Floors are left scarred, and carefully mended walls bear mute evidence that another plumbing job went wrong.

Don't let *your* plumbing go wrong. Use Brass pipe.



Solving the eternal problem of what to do with rust-worn, discarded galvanized boilers, these home-owners have used them to fence their dwellings.



THE galvanized-iron water boiler is also a cause of "rusty" water, as well as premature leaks and costly renewals. The copper boiler is cheaper in the end.

Here is a copper boiler in use fifty-five years and apparently as good as new. A copper boiler cannot rust and hence lasts as long as the building.



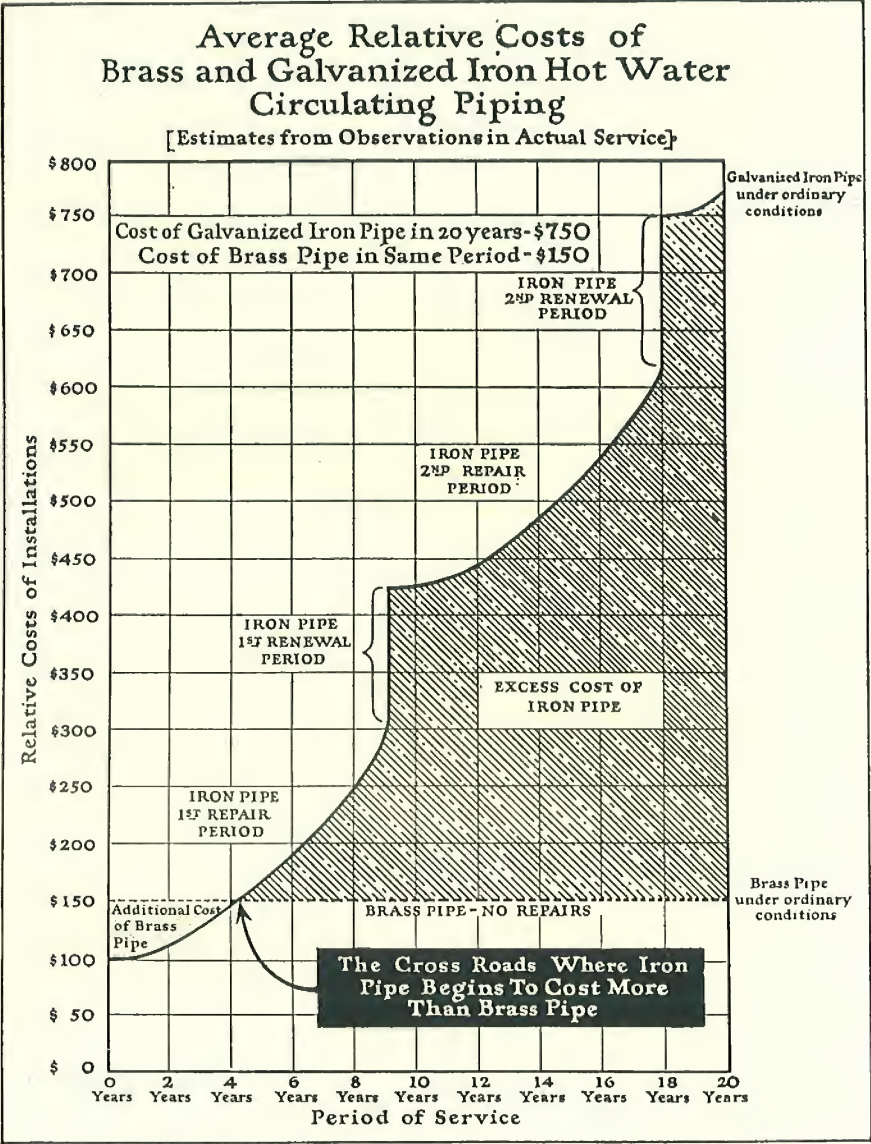
THESE are the homes of America—the moderate-priced house, up to, say, \$15,000.

To such a house Brass pipe and pipe fittings add only from \$40 to \$75, depending on the quality of iron or steel installation with which comparison is made.

So you see it is a mistake to think of Brass as expensive. And the slight additional cost is saved over and over again in a short time.

This chart proves that—

Brass is cheaper because
you pay for it only ONCE



HERE is a factor that is too important to overlook.

The smoother interior surface of Brass pipe permits water to flow through more freely. Hence, a greater volume of water will pass through a Brass pipe than through one of iron. This disparity in favor of Brass becomes greater as the iron pipe fills with rust.

For this reason, a smaller size Brass pipe will perform equal or greater service than iron pipe of a larger size.

A prominent sanitary engineer gives the following relative savings in pipe sizes which are possible by the use of Brass.

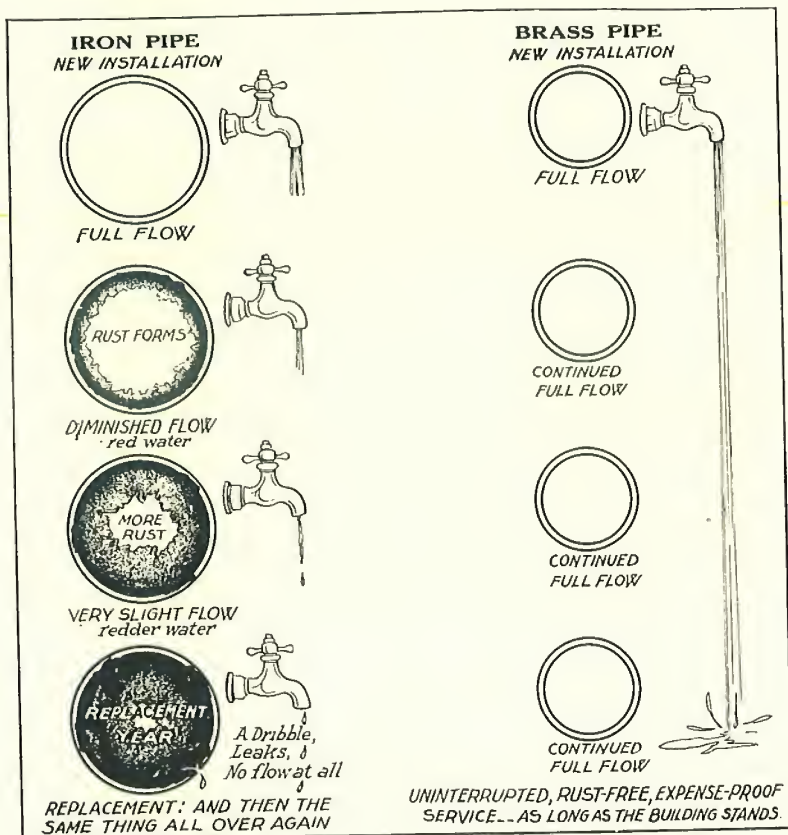
In Hot Water Lines

$\frac{1}{2}$ in. Brass pipe will do the work of 1 in. iron
 $\frac{3}{4}$ in. Brass pipe will do the work of $1\frac{1}{4}$ in. iron
 1 in. Brass pipe will do the work of $1\frac{1}{2}$ in. iron
 $1\frac{1}{2}$ in. Brass pipe will do the work of $2\frac{1}{2}$ in. iron
 2 in. Brass pipe will do the work of 3 in. iron

In Cold Water Lines

$\frac{1}{2}$ in. Brass pipe will do the work of $\frac{3}{4}$ in. iron
 $\frac{3}{4}$ in. Brass pipe will do the work of 1 in. iron
 1 in. Brass pipe will do the work of $1\frac{1}{4}$ in. iron
 $1\frac{1}{2}$ in. Brass pipe will do the work of 2 in. iron
 2 in. Brass pipe will do the work of $2\frac{1}{2}$ in. iron

This Little Diagram Shows Why These Savings With Brass Are Possible

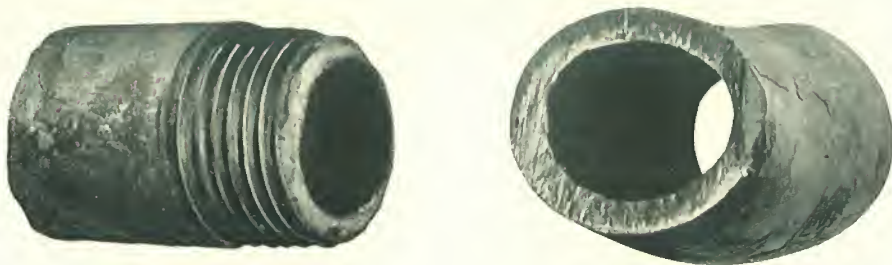




THIS Copper water pipe, found in Egypt, was put to work 5,400 years ago. And it does not leak yet!

Brass pipe, which is about two-thirds Copper, has Copper's rust-proof properties.

No wonder Brass Pipe lasts and lasts and lasts!



The brass pipe installation in the Continental Insurance Building, New York, from which these pieces were taken to be photographed, has been in use for twenty-nine years without a leak or repair. Note the perfect condition of the threads, where rust first overcomes iron or steel piping.

[Please open this page and let us show you where to use Brass Pipe.]

Copper and Brass are cheaper
because you pay for them only ONCE.

